



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

High temperatures and scattered thunderstorms characterized the week ending June 26th, 2011. The week began with temperatures in the triple digits for much of the State, including a three day stretch of one hundred degree or greater weather in Charleston. On Tuesday, the first official day of summer, severe weather swept into the State bringing high wind gusts, numerous lightning strikes, and much needed rain. Typical summer weather prevailed for much of the week, with high temperatures during the day and scattered storms at night brought on by instability caused by the intense heat. While most areas were grateful for the rain, some minor hail and wind damage was reported in several counties. The State average temperature for the period was four degrees above normal. Soil moisture conditions were listed as 32% very short, 50% short and 18% adequate. The State average rainfall for the period was 0.6 inches. There were 6.5 days suitable for fieldwork.

FIELD CROPS

Eighty six percent of **CORN** had silked while 17% had started to dough, well behind last year and the five year average due to lack of consistent rainfall. Conditions declined further to 25% very poor, 41% poor, 25% fair, 8% good and 1% excellent. **COTTON** planting completed for the season, finishing on schedule with the five year average. Eighteen percent of **PEANUTS** had pegged with conditions declining to 8% poor, 55% fair, 36% good and 1% excellent. **SOYBEAN** planting was nearing completion with 94% planted, one point ahead of the five year average. Seventy eight percent of the crop had emerged with conditions remaining stable at 6% very poor, 31% poor, 43% fair and 20% good. **WINTER WHEAT** harvest was 100% completed, nine points ahead of last year and ten ahead of the five year average. **OAT** harvest also was finished for the year.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions dropped slightly to 2% very poor, 14% poor, 37% fair, 46% good and 1% excellent. **PASTURE** conditions declined to 12% very poor, 40% poor, 36% fair and 12% good. Eighty four percent of **CUCUMBERS** had been harvested, three points behind last year. **SNAPBEANS** harvested increased to 63%, surpassing last year's pace but still nine points behind the five year average. **PEACH** harvest moved to 40% complete, 11 points ahead of last year and 12 points ahead of the five year average. Conditions dropped to 4% poor, 31% fair, 62% good and 3% excellent. **CANTALOUPE** conditions improved to 3% very poor, 8% poor, 47% fair and 42% good. **WATERMELON** harvest continued and was 38% completed by the end of the week, one point behind last year's mark. Conditions improved to 2% very poor, 6% poor, 49% fair and 43% good. **TOMATO** harvest was 60% completed with conditions at 3% very poor, 9% poor, 54% fair, 32% good and 2% excellent. **TOBACCO** conditions remained stable at 4% very poor, 14% poor, 47% fair, 34% good and 1% excellent.

Crop Progress for Week Ending June 26, 2011

Crop and Stage	2011	2010	5-Yr Avg	Crop and Stage	2011	2010	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Harvested	40	36	41	Peaches, Harvested	40	29	28
Corn, Silked	86	92	81	Peanuts, Pegged	18	24	22
Corn, Doughed	17	31	22	Snapbeans, Fresh, Harvested	63	57	72
Cotton, Planted	100	100	100	Soybeans, Planted	94	97	93
Cotton, Squared	25	32	29	Soybeans, Emerged	78	85	82
Cotton, Bolls Set	0	0	1	Tobacco, Topped	55	66	43
Cucumbers, Fresh, Harvested	84	87	89	Tomatoes, Fresh, Harvested	60	52	50
Hay, Grain Hay, Harvested	100	100	100	Watermelons, Harvested	38	39	27
Oats, Harvested	100	96	93	Winter Wheat, Harvested	100	91	90

Condition for Week Ending June 26, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup	3	8	47	42	0	Peanuts	0	8	55	36	1
Corn	25	41	25	8	1	Soybeans	6	31	43	20	0
Cotton	1	18	48	32	1	Tobacco	4	14	47	34	1
Livestock	2	14	37	46	1	Tomatoes	3	9	54	32	2
Pasture	12	40	36	12	0	Watermelons	2	6	49	43	0
Peaches	0	4	31	62	3						

South Carolina Weekly Weather Summary for the Week Ending June 26, 2011

At 2:00 p.m. on Monday, the thermometers at Columbia, Orangeburg and Charleston had reached 99 degrees. At 4:00 p.m., Shaw AFB reported 101 degrees with a relative humidity value of 23 percent. Ft. Moultrie recorded a Monday afternoon high temperature of 103 degrees, followed by a Tuesday low temperature of just 82 degrees. The wilting heat caused a two-day open pan evaporation water loss of 0.92 inches at the Sandhill Experiment Station. The three consecutive days of 100-degree observations at Charleston AP had not occurred at that location since the end of July, 1999. The official start of astronomical summer arrived on Tuesday with the USC Columbia Campus and Cades both recording 104 degrees. Late evening thunderstorms on Tuesday included vivid lightning, a wind gust of 48 mph and storm-driven rains of 1.52 inches at the McEntire ANG AP. The Columbia Hamilton-Owens AP recorded 90 degrees at 10:00 p.m. before thunderstorms passed and lowered the 11:00 p.m. temperature to 72 degrees. On Wednesday evening, the Greenville-Spartanburg AP measured winds gusting to 58 mph. Holly Hill and Lake City were just shy of the century mark with 99 degrees. Long Creek received 2.04 inches during an intense rainstorm. Smoke was observed across the coastal plain on Thursday. At 10:00 a.m., the Beaufort Marine Corps Air Station indicated a runway visibility of 1.5 miles in smoke and haze. Thunderstorms moving over the Conway AP produced winds of 51 mph that flipped several planes. A rain gage at the Turkey Creek USGS site in North Charleston measured 1.97 inches of rain. Winds gusted to 62 mph during a Friday evening thunderstorm at Darlington AP. The South Carolina Mountains cooled into the lower 60’s on Saturday morning. Bamberg and Barnwell were back in the heat Sunday afternoon with 101 degrees.

The highest official temperature reported was 105 degrees at Lake Wateree and Witherbee on June 21. The lowest official temperature reported was 61 degrees at Table Rock and Long Creek on June 25. The heaviest official 24-hour rainfall reported was 2.06 inches at McCormick ending at 7:00 a.m. on June 25.

SOIL: 4-inch depth soil temperature: Columbia 80 degrees, Charleston 86 degrees.
RIVERS AND SURF: South Carolina river stages were below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 84 degrees.

Precipitation

Location	Total for Week	Total for 2011	Deviation from Average
Greer	0.34	22.54	-2.9
Anderson	1.46	18.14	-5.8
Columbia	1.00	18.21	-5.3
Orangeburg	0.41	16.85	-6.7
Charlotte, NC	0.62	18.64	-2.9
Augusta, GA	0.75	17.87	-5.0
Florence	0.02	13.88	-7.0
N Myrtle Beach	0.33	16.13	-3.0
Charleston	1.91	13.32	-9.4
Savannah, GA	0.11	14.49	-7.7

Weekly rainfall totals this period ending midnight Sunday.



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